623-2990 M11 L56A 91001

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	Bolton Hill Road

PROPERTY OWNERS NAME

Last: Bowden First: Lloyd E.

Applicant Name:	Lloyd E. Bowden
Mailing Address of Owner/Applicant (If Different)	P.O. Box 4668 Augusta, Maine 04330

AUGUSTA 2085 TOWN COPY

Date Permit Issued: 3 12 91 $ 40 FEE ☐ Double Fee Charged

John Piccarelli — Local Plumbing Inspector Signature

L.P.I. # 19613

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Lloyd E Bowden 3/12/91
Signature of Owner/Applicant — Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

John Piccarelli — Local Plumbing Inspector Signature

5.20.91 — Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION n/a
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM: n/a
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY	ZONING
5 ± acres	

THIS APPLICATION REQUIRES:
1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE
   Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE
   Attach Replacement System Variance Form
   a. ☐ Requiring Local Plumbing Inspector Approval
   b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:
COMPLETE SYSTEM
1. ☒ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (÷2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
proposed drilled well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY: _____

PUMPING
1. ☒ NOT REQUIRED
2. ☐ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3-bedroom, single family dwelling
sized per Table 7-1 of the SSWD Rules (10-144A CMR 241)
(minimum design flow)
DESIGN FLOW: 270 gpd (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
2	B·A/III

DEPTH TO LIMITING FACTOR: 30 — at test pit 1

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 450 Sq. Ft.
   ☒ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

On 2-9-91 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

William T. Noble — Site Evaluator Signature
75 — SE#
2-18-91 — Date

STATE OF MAINE — WILLIAM T NOBLE #75 — LICENSED SITE EVALUATOR

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

91001

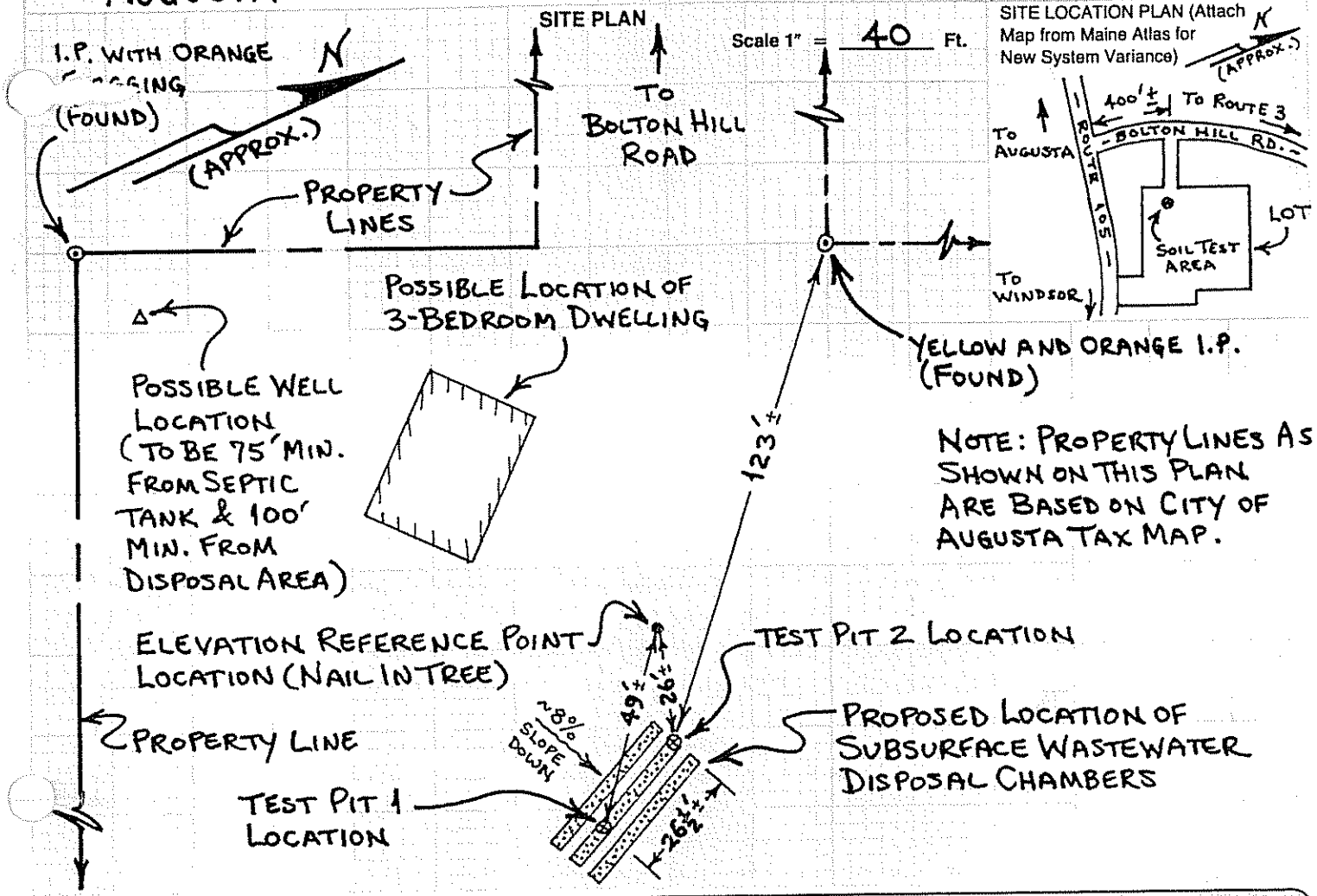
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: BOLTON HILL ROAD

Owners Name: LLOYD E. BOWDEN

SITE PLAN

Scale 1" = 40 Ft.



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole 1 ☒ Test Pit ☐ Boring

1± " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
FINE SANDY LOAM	FRIABLE	DARK BROWN	
		DARK YELLOWISH BROWN	
		LIGHT OLIVE BROWN	
		OLIVE BROWN	
		OLIVE	FEW FAINT
~ REFUSAL ~ (LARGE STONE OR BEDROCK)			

Soil Profile	Classification Condition	Slope	Limiting Factor	
2	B·A/III	~8 %	30"	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock (?)

Observation Hole 2 ☒ Test Pit ☐ Boring

2± " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
FINE SANDY LOAM	FRIABLE	DARK BROWN	
		OLIVE BROWN	FEW FAINT
	SOMEWHAT FIRM	OLIVE	COMMON DISTINCT

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	~8 %	21"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

William T. Noble
Site Evaluator Signature

75
SE#

2-18-91
Date

HHE-200 Rev. 1/84

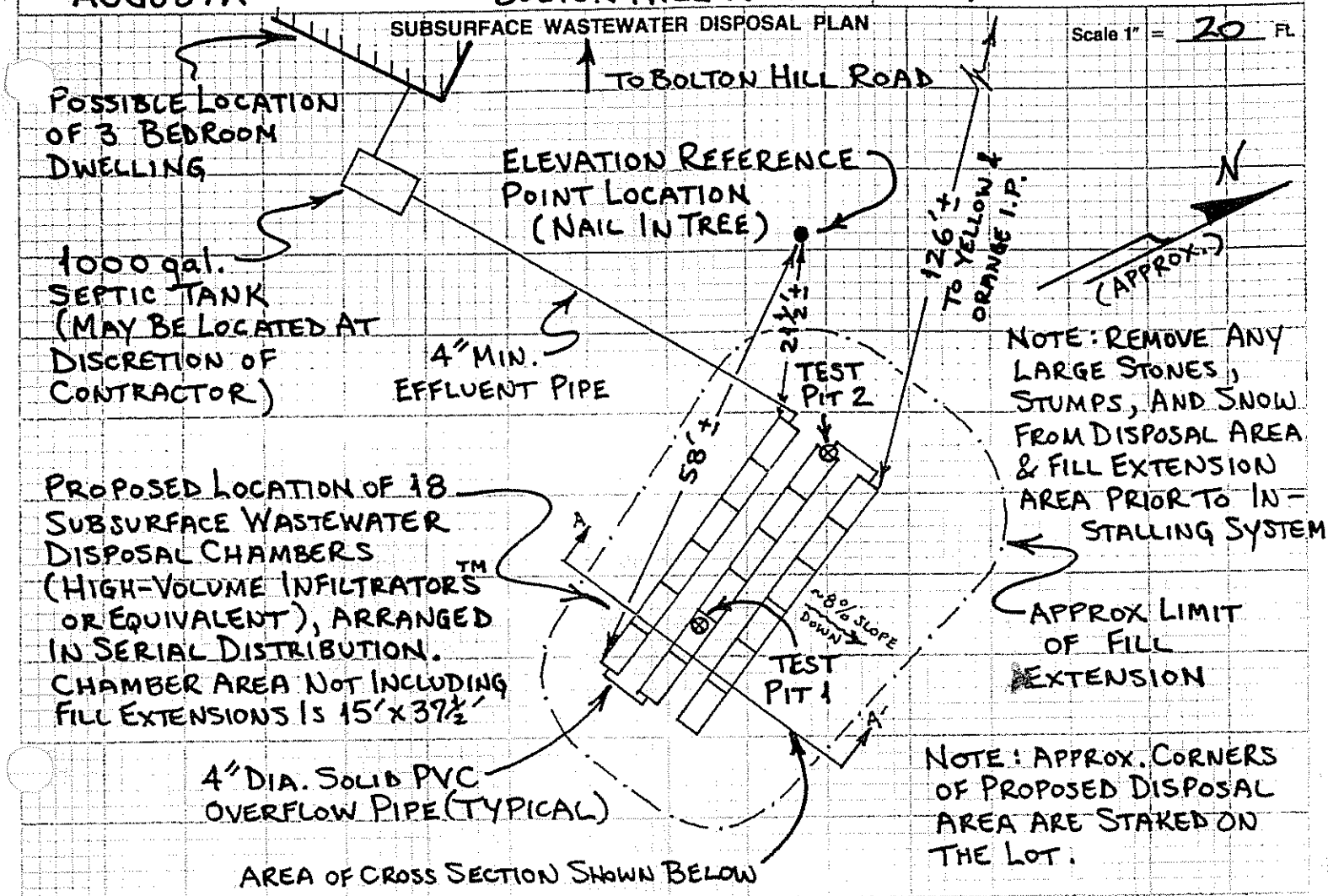
Department of Human Services
Division of Health Engineering

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	BOLTON HILL ROAD	LLOYD E. BOWDEN

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 17"
Depth of Fill (Downslope) 20±"
→ AT CROSS-SECTION A-A'
SEE NOTES 5 AND 6 BELOW

CONSTRUCTION ELEVATIONS

Reference Elevation is 0.0"
Bottom of Disposal Area (SEE CROSS-SECTION DIAGRAM BELOW)
Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

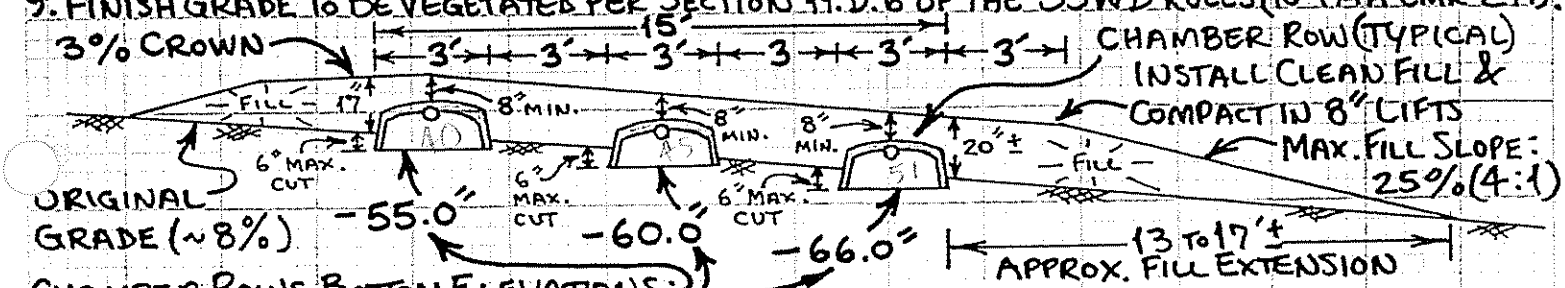
NAIL WITH ORANGE FLAGGING IN YOUNG TREE, 65" ABOVE GROUND LEVEL AT BASE OF TREE.

DISPOSAL AREA CROSS SECTION A-A'

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 5 Ft.

NOTES:

1. INSTALL CHAMBERS AS DIRECTED BY MANUFACTURER/DISTRIBUTOR
2. BACKFILL & PERIMETER FILL TO BE LOAMY SHARP SAND IN TEXTURE.
3. GRADE LAND AROUND CHAMBERS TO DIVERT ANY WATER FROM THE AREA.
4. REMOVE ORGANIC LAYER & SCARIFY THE SOIL SURFACE BEFORE INSTALLING FILL
5. REQUIRED FILL DEPTHS MAY VARY FROM THOSE SHOWN DUE TO IRREGULARITIES IN SOIL SURFACE.
6. MAX. CUT INTO ORIGINAL SOIL TO BE 6" AT UPHILL EDGE OF EACH CHAMBER ROW.
7. BOTTOM OF CHAMBERS TO BE LEVEL WITH MAX. GRADE TOLERANCE OF 1" PER 100'.
8. LOCATE TEST PITS ON THE LOT & POSITION CHAMBERS OVER PITS AS SHOWN IN ABOVE PLAN.
9. FINISH GRADE TO BE VEGETATED PER SECTION 11.D.6 OF THE SSWD RULES (10-144A CMR 241).



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75 — SE#
2-18-91 — Date